

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Name of Applicant and Assignee: SUN MICROSYSTEMS, INC.
Address of Applicant and Assignee: 4150 Network Circle
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Commissioner for Patents
P. O. Box 1450
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**REVOCATION AND SUBSTITUTION
OF POWER OF ATTORNEY UNDER 37 C.F.R. §1.36**

Dear Sir:

Pursuant to 37 C.F.R. §1.36, Sun Microsystems, Inc., the applicant and assignee of the patent applications listed on the attached APPENDIX A, revokes all previous powers of attorney in the patent applications listed on the attached APPENDIX A, hereby appoints the following attorneys and/or agents assigned to the Customer Number listed below to prosecute the patent applications listed on the attached APPENDIX A, and to transact all business in the U.S. Patent and Trademark Office connected therewith:

Customer Number 32615

Please direct all correspondence and telephone calls concerning the patent applications listed on the attached APPENDIX A to:

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Further, please change the attorney/docket number corresponding to the patent applications listed in APPENDIX A from the attorney/docket number on file to that indicated on APPENDIX A.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified applicant.

The undersigned hereby declares that all statements made herein of the undersigned's own knowledge are true, that all statements made on information and belief are believed to be true, and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the sixteen patent applications listed on the attached APPENDIX A or any patents issuing thereon.

Signature: Melissa Haapala Dated: 7/2/2008
Name: Melissa Haapala
Title: Senior Counsel
Sun Microsystems, Inc.

APPENDIX A

- 1. Patent Application/Serial No.:** 10/767,507

Title: MULTI-SERVER TIMER SYSTEM FOR
COMPUTING ENVIRONMENTS
REQUIRING MULTIPLE TIME-OUTS

Filed: 1/28/2005

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 014946/0559

Reference No: SUN030161-US-NP
- 2. Patent Application/Serial No.:** 10/698,212

Title: METHODS AND APPARATUS FOR
COORDINATING PROCESSING OF
NETWORKS CONNECTIONS
BETWEEN TWO NETWORK
PROTOCOL STACKS

Filed: 10/31/2003

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 014659/0265

Reference No: SUN040284-US-NP
- 3. Patent Application/Serial No.:** 09/205,326

Title: A METHOD, APPARATUS, SYSTEM &
PROGRAM PRODUCT FOR THIN-
CLASSES IN A CLIENT-SERVER
ENVIRONMENT

Filed: 12/04/1998

Applicant: Sun Microsystems, Inc.

Reference No: SUN1P352X1/P2761CIP

4. Patent Application/Serial No.: 10/888,521

Title: METHODS AND APPARATUS FOR
DYNAMICALLY SWITCHING
BETWEEN POLLING AND
INTERRUPT MODE FOR A RING
BUFFER OF A NETWORK
INTERFACE CARD

Filed: 7/9/2004

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 015899/0633

Reference No: SUN041057-US-NP

5. Patent Application/Serial No.: 10/888,972

Title: METHODS AND APPARATUS FOR
DRIVING A HIGH BANDWIDTH
NETWORK INTERFACE CADE WITH
A SINGLE INTERRUPT SOURCE

Filed: 7/9/2004

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 15900/0149

Reference No: SUN041394-US-NP

6. Patent Application/Serial No.: 10/885,999

Title: COMPUTER ARCHITECTURE AND
PROCESS FOR IMPLEMENTING A
VIRTUAL VERTICAL PERIMETER
FRAMEWORK FOR AN
OVERLOADED CPU HAVING
MULTIPLE NETWORK INTERFACES

Filed: 7/6/2004

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 015846/0036

Reference No: SUN041059-US-NP

7. **Patent Application/Serial No.:** 11/011,076
- Title:** SYSTEM AND METHOD FOR
CONDUCTING DIRECT DATA
PLACEMENT (DDP) USING A TOE
(TCP OFFLOAD ENGINE) CAPABLE
NETWORK INTERFACE CARD
- Filed:** 12/14/2004
- Applicant:** Sun Microsystems, Inc.
- Reel/Frame No.:** 016081/0370
- Reference No:** SUN040656-US-NP
8. **Patent Application/Serial No.:** 10/767,506
- Title:** ESTABLISHING CONNECTIONS IN
COMPUTER NETWORK
- Filed:** 1/28/2004
- Applicant:** Sun Microsystems, Inc.
- Reel/Frame No.:** 014946/0548
- Reference No:** SUN030153-US-NP
9. **Patent Application/Serial No.:** 12/016,132
- Title:** SCHEDULING THREADS ON
PROCESSORS
- Filed:** 1/17/2008
- Applicant:** Sun Microsystems, Inc.
- Reel/Frame No.:** 020379/0842
- Reference No:** SUN070466-US-NP

- 10. Patent Application/Serial No.:** 11/833,907
Title: SCALABLE RESOURCE ALLOCATION
Filed: 8/3/2007
Applicant: Sun Microsystems, Inc.
Reference No: SUN070342
- 11. Patent Application/Serial No.:** 11/670,412
Title: PARTITIONABLE ACCOUNTING OF MEMORY UTILIZATION
Filed: 2/1/2007
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 018874/0470
Reference No: SUN070037
- 12. Patent Application/Serial No.:** 10/698,211
Title: METHODS AND APPARATUS FOR DYNAMICALLY SWITCHING BETWEEN POLLING AND INTERRUPT TO HANDLE NETWORK TRAFFIC
Filed: 10/31/2003
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 016055/0305
Reference No: SUN040338-US-NP

- 13. Patent Application/Serial No.:** 11/952,037
- Title:** HARDWARE UTILIZATION-AWARE
THREAD MANAGEMENT IN
MULTITHREADED COMPUTER
SYSTEMS
- Filed:** 12/6/2007
- Applicant:** Sun Microsystems, Inc.
- Reel/Frame No.:** 020591/8720
- Reference No:** SUN070402
- 14. Patent Application/Serial No.:** 11/777,184
- Title:** LOCALITY AND TIME BASED
DEPENDENCY RELATIONSHIPS IN
CLUSTERS
- Filed:** 7/12/2007
- Applicant:** Sun Microsystems, Inc.
- Reel/Frame No.:** 019692/0446
- Reference No:** SUN061207
- 15. Patent Application/Serial No.:** 11/286,085
- Title:** DYNAMIC POWER MANAGEMENT
FOR I/O RESOURCE POOLS
- Filed:** 11/22/2005
- Applicant:** Sun Microsystems, Inc.
- Reel/Frame No.:** 017265/0249
- Reference No:** SUN051056-US-NP

- 16. Patent Application/Serial No.:** 10/698,688
- Title:** METHODS AND APPARATUS FOR
RECOVERING FROM A FAILED
NETWORK INTERFACE CARD
- Filed:** 10/31/2003
- Applicant:** Sun Microsystems, Inc.
- Reference No:** SUN040319
- 17. Patent Application/Serial No.:** 9/981,612
- Title:** CIM TO SNMP DATA MAPPER
- Filed:** 10/16/2001
- Applicant:** Sun Microsystems, Inc.
- Reference No:** SUN1P437/P6596NP
- 18. Patent Application/Serial No.:** 10/886,004
- Title:** SYSTEM AND METHOD FOR
CONDUCTING FAST CONNECTION
ACCEPTANCE USING TNIC
GENERATED SOCKET LAYER
INTERCONNECTION DATA
STRUCTURES
- Filed:** 7/6/2004
- Applicant:** Sun Microsystems, Inc.
- Reel/Frame No.:** 015958/0388
- Reference No:** SUN041400-US-NP

19. Patent Application/Serial No.: 11/388,445

Title: PROBABILISTIC SYSTEM FOR
IDENTIFYING SOFTWARE
DEVELOPMENT REGRESSIONS

Filed: 3/24/2006

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 017721/0796

Reference No: SUN060492-US-NP

20. Patent Application/Serial No.: 10/184,333

Title: VIRTUAL REGISTER SET EXPANING
PROCESSOR INTERNAL STORAGE

Filed: 6/28/2002

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 013063/0547

Reference No: P7544-US-NP-0

21. Patent Application/Serial No.: 11/461,361

Title: VIRTUAL REGISTER SET
EXPANDING PROCESSOR INTERNAL
STORAGE

Filed: 7/31/2006

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 013063/0547

Reference No: P7544-US-CNT-1

22. Patent Application/Serial No.: 10/014,640

Title: MANDATORY LOCKING
MECHANISMS FOR UNIX FILE
SYSTEM

Filed: 10/25/2001

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 012383/0338

Reference No: SUN1P722

23. Patent Application/Serial No.: 60/285,482

Title: GRAPHICAL LIST GROUPING
WIDGET

Filed: 4/20/2001

Applicant: Sun Microsystems, Inc.

Reference No: P5885-US-PSP-0

24. Patent Application/Serial No.: 8/958,377

Title: METHOD, APPARATUS, SYSTEM
AND PROGRAM PRODUCT FOR
THIN-CLASSES IN A CLIENT-
SERVER ENVIRONMENT

Filed: 10/24/1997

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 9163/0921

Reference No: SUN1P352

- 25. Patent Application/Serial No.:** 11/959,022
Title: CLUSTER SOFTWARE UPGRADES
Filed: 12/18/2007
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 020556/0051
Reference No: SUN070152
- 26. Patent Application/Serial No.:** 12/038,705
Title: USE OF CPI POWER MANAGEMENT
IN COMPUTER SYSTEMS
Filed: 2/27/2008
Applicant: Sun Microsystems, Inc.
Reference No: SUN070024
- 27. Patent Application/Serial No.:** 10/789,523
Title: RETRIEVING EVENTS FROM A
QUEUE
Filed: 2/26/2004
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 015039/0034
Reference No: SUN040374

- 28. Patent Application/Serial No.:** 10/052,784
Title: METHODS AND APPARATUS FOR DETERMINING SOFTWARE COMPONENT SIZES ASSOCIATED WITH ERRORS
Filed: 11/2/2001
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 012521/0248
Reference No: P5575-US-NP-0
- 29. Patent Application/Serial No.:** 10/850,676
Title: METHOD AND APPARATUS FOR PERFORMING ADDRESS TRANSLATION IN A COMPUTER SYSTEM
Filed: 5/20/2004
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 015382/0204
Reference No: P8354-US-NP
- 30. Patent Application/Serial No.:** 60/245,406
Title: SMB MANDATORY LOCKING SUPPORT UNDER UNIX
Filed: 11/1/2000
Applicant: Sun Microsystems, Inc.
Reference No: SUN1P722P/P5658PSP

31. Patent Application/Serial No.: 10/788,790

Title: QUEUE ALERTS

Filed: 2/26/2004

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 015031/0011

Reference No: SUN040373-US-NP

32. Patent Application/Serial No.: 10/938,856

Title: METHOD AND APPARATUS FOR
REPRESENTING APPLICATION
DEPENDENCIES

Filed: 9/9/2004

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 016111/0904

Reference No: SUN040675-US-NP

33. Patent Application/Serial No.: 10/741,101

Title: AUTOMATED TESTING OF CLUSTER
DATA SERVICES

Filed: 12/19/2003

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 014826/0146

Reference No: P8660-US-NP

34. Patent Application/Serial No.: 10/826,243

Title: ERROR ANALYSIS AND DIAGNOSIS
FOR GENERIC FUNCTION CALLS

Filed: 4/15/2004

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 015230/0140

Reference No: P9428-US-NP

- 35. Patent Application/Serial No.:** 08/863,035
Title: METHOD AND APPARATUS FOR
SENDING SECURE
DATACRAMULTICASTS
Filed: 5/23/1997
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 009310/0901
Reference No: P0699-US-CIP-2
- 36. Patent Application/Serial No.:** 08/846,973
Title: METHOD AND APPARATUS FOR
ACHIEVING PERFECT FORWARD
SECURITY IN CLOSED USER GROUP
Filed: 4/30/1997
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 007393/0323
Reference No: P0699-US-CIP-1
- 37. Patent Application/Serial No.:** 10/789,523
Title: RETRIEVING EVENTS FROM A
QUEUE
Filed: 2/26/2004
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 015039/0034
Reference No: SUN040374
- 38. Patent Application/Serial No.:** 10/742,418
Title: FRAMEWORK FOR HIGH
AVAILABILITY CLUSTERED
SYSTEM AUTOMATED TESTS
Filed: 12/19/2003
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 014862/0202
Reference No: P8663

- 39. Patent Application/Serial No.:** 09/921,544
Title: GRAPHICAL LIST GROUPING
WIDGET AND METHODS OF USE
THEREOF
Filed: 8/2/2001
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 012061/0147
Reference No: P5885-US-NP-0
- 40. Patent Application/Serial No.:** 11/080,953
Title: GRAPHICAL LIST GROUPING
WIDGET AND METHODS OF USE
THEREOF
Filed: 3/14/2005
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 019830/0105
Reference No: P5885-US-CNT-1
- 41. Patent Application/Serial No.:** 10/352,495
Title: SIDEBAND SCOUT THREAD
PROCESSOR
Filed: 1/28/2003
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 014244/0547
Reference No: P7522

42. Patent Application/Serial No.: 10/698,168

Title: METHODS AND APPARATUS FOR
COORDINATING PROCESSING OF
NETWORK CONNECTIONS
BETWEEN A SOFTWARE NETWORK
PROTOCOL STACK AND A
NETWORK INTERFACE CARD

Filed: 10/31/2003

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 014659/0233

Reference No: SUN040313